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Dkt. 72067-A-PCT-US/JPW/BJA/ML

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jingyue Ju
U.S. Serial No.	:	10/591,520
International Filing Date	:	March 3, 2005
For	:	PHOTOCLEAVABLE FLUORESCENT NUCLEOTIDES FOR DNA SEQUENCING ON CHIP CONSTRUCTED BY SITE-SPECIFIC COUPLING CHEMISTRY

1185 Avenue of the Americas
New York, New York 10036
May 7, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. §1.56, applicants direct the Examiner's attention to the following items which are listed on the attached Form PTO-1449 (**Exhibit A**). Items 1-50 are U.S. Patents or U.S. Patent Application Publications. As permitted by 37 C.F.R. 1.98(a)(2)(ii), no copies of these items are included herewith. Copies of references 51-149 are attached hereto as Exhibits 1-99, respectively.

1. U.S. Patent No. 4,824,775, issued April 25, 1989, Dattagupta;

2. U.S. Patent No. 5,118,605, issued June 2, 1992, Urdea;

3. U.S. Patent No. 5,174,962, issued March 3, 1999, Ju;

4. U.S. Patent No. 5,599,675, issued February 4, 1997, Brenner;

5. U.S. Patent No. 5,654,419, issued August 5, 1997, Mathies;

6. U.S. Patent No. 5,728,528, issued March 17, 1998, Mathies;

7. U.S. Patent No. 5,763,594, issued June 9, 1998, Hiatt et al.;

8. U.S. Patent No. 5,770,367, issued June 23, 1998, Southern;

9. U.S. Patent No. 5,789,167, issued August 4, 1998, Konrad;

10. U.S. Patent No. 5,804,386, issued September 8, 1998, Ju;

11. U.S. Patent No. 5,808,045, issued September 15, 1998, Hiatt et al.;

12. U.S. Patent No. 5,814,454, issued October 29, 1998, Ju;

13. U.S. Patent No. 5,834,203, issued November 10, 1998, Katzir;

14. U.S. Patent No. 5,849,542, issued December 15, 1998, Reeve et al.;

15. U.S. Patent No. 5,853,992, issued December 29, 1998, Glazer;

16. U.S. Patent No. 5,869,255, issued February 9, 1999, Mathies;

17. U.S. Patent No. 5,872,244, issued February 16, 1999, Hiatt et al.

18. U.S. Patent No. 5,876,936, issued December 29, 1992, Ju ;

19. U.S. Patent No. 5,885,775, issued March 23, 1999, Haff et al.;

20. U.S. Patent No. 5,945,283, issued August 31, 1999, Kwok;

21. U.S. Patent No. 5,952,180, issued September 14, 1999, Ju;

22. U.S. Patent No. 6,028,190, issued February 28, 2000, Mathies;

23. U.S. Patent No. 6,046,005, issued April 4, 2000, Ju;

24. U.S. Patent No. 6,074,823, issued June 13, 2000, Hubert;

25. U.S. Patent No. 6,136,543, issued October 24, 2000, Anazawa et al.;

26. U.S. Patent No. 6,197,557, issued March 6, 2001, Markarov et al.;

27. U.S. Patent No. 6,214,987, issued April 10, 2001, Hiatt et al.;

28. U.S. Patent No. 6,218,118, issued April 17, 2001, Sampson;

29. U.S. Patent No. 6,232,465, issued May 15, 2001, Hiatt et al.;

30. U.S. Patent No. 6,312,893, issued November 6, 2001, Van Ness et al.;

31. U.S. Patent No. 6,316,230, issued November 13, 2001, Egholm;

32. U.S. Patent No. 6,361,940 issued March 26, 2002, Van Ness et al.;

33. U.S. Patent No. 6,613,508, issued September 2, 2003, Ness et al.;

34. U.S. Patent No. 6,627,748, issued September 30, 2003, Ju et al.;

35. U.S. Patent No. 6,664,079 issued December 16, 2003, Ju et al.;

36. U.S. Patent No. 6,664,399, issued December 16, 2003, Sabesan;

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38. U.S. Patent No. 6,833,246, issued December 21, 2004, Balasubramanian;

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41. U.S. Application Publication No. 2002/0168642 A1, published November 14, 2002 (Drukier);

42. U.S. Application Publication No. 2003/0008285 A1, published January 9, 2003 (Fischer);

43. U.S. Application Publication No. 2003/0022225 A1, published January 30, 2003 (Monforte et al.);

44. U.S. Application Publication No. 2003/0027140, published February 6, 2003 (Ju et al.);

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46. U.S. Application Publication No. 2004/0185466, published September 23, 2004 (Ju et al.);

47. U.S. Application Publication No. 2005/0032081, published February 10, 2005 (Ju et al.);

48. U.S. Application Publication No. 2006/0057565, published March 16, 2006 (Ju et al.);

49. U.S. Application Publication No. 2006/0252938, published November 9, 2006 (Sava et al.);

50. U.S. Application Publication No. 2006/0003352, published January 5, 2006 (Lipkin et al.);

51. PCT International Publication No. WO 91/06678, May 16, 1991 **(Exhibit 1)**;

52. PCT International Publication No. WO 00/53805, September 14, 2000 **(Exhibit 2)**;

53. PCT International Publication No. WO 01/92284, December 6, 2001 **(Exhibit 3)**;

54. PCT International Publication No. WO 01/27625 A1, published April 19, 2001 **(Exhibit 4)**;

55. PCT International Publication No. WO 02/079519 A1, published October 10, 2002 **(Exhibit 5)**;

56. PCT International Publication No. WO 02/22883 A1, published March 21, 2002 **(Exhibit 6)**;

57. PCT International Publication No. WO 02/29003, published April 11, 2002 **(Exhibit 7)**;

58. PCT International Publication No. WO 04/007773, published January 22, 2004 **(Exhibit 8)**;

59. PCT International Publication No. WO 04/055160, published January 22, 2004 **(Exhibit 9)**;

60. PCT International Publication No. WO 05/084367, published September 15, 2005 **(Exhibit 10)**;

61. PCT International Publication No. WO 06/073436, published July 13, 2006 **(Exhibit 11)**;

62. PCT International Publication No. WO 07/002204, published January 4, 2007 **(Exhibit 12)**;

63. European Patent Application No. EP 0992511 A, Rapigene Inc., published April 12, 2000 **(Exhibit 13)**;

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117. Lewis et al., (2002) "Click Chemistry in Situ: Acetylcholinesterase as a Reaction Vessel for the Selective Assembly of a Femtomolar Inhibitor from an Array of Building Blocks", Angew. Chem. Int. Ed., 41(6):1053-1057 **(Exhibit 67)**;

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123. Supplementary European Search Report issued February 16, 2004 in connection with European Patent Application No. 01 97 7533 **(Exhibit 73)**;

124. Supplementary European Search Report issued February 9, 2007 in connection with European Patent Application No. 03 76 4568.6 **(Exhibit 74)**;

125. Supplementary European Search Report issued May 25, 2005 in connection with European Patent Application No. 02 72 8606.1 **(Exhibit 75)**;

126. Supplementary European Search Report issued June 7, 2005 in connection with European Patent Application No. 01 96 8905 **(Exhibit 76)**;

127. International Preliminary Examination Report issued on 3/18/05 in connection with PCT/US03/21818 **(Exhibit 77)**;

128. International Preliminary Examination Report issued on 4/3/03 in connection with PCT/US01/31243 **(Exhibit 78)**;

129. International Preliminary Examination Report issued on

2/25/03 in connection with PCT/US01/28967 **(Exhibit 79)**;

130. International Preliminary Examination Report issued on 3/17/03 in connection with PCT/US02/09752 **(Exhibit 80)**;

131. International Preliminary Report on Patentability issued on 9/5/06 in connection with PCT/US05/006960 **(Exhibit 81)**;

132. International Search Report issued 5/13/02 in connection with PCT/US01/31243 **(Exhibit 82)**;

133. International Search Report issued 1/23/02 in connection with PCT/US01/28967 **(Exhibit 83)**;

134. International Search Report issued 9/18/02 in connection with PCT/US02/09752 **(Exhibit 84)**;

135. International Search Report issued 9/26/03 in connection with PCT/US03/21818 **(Exhibit 85)**;

136. International Search Report issued 6/8/04 in connection with PCT/US03/39354 **(Exhibit 86)**;

137. International Search Report issued 11/4/05 in connection with PCT/US05/06960 **(Exhibit 87)**;

138. International Search Report issued 12/15/06 in connection with PCT/US05/13883 **(Exhibit 88)**;

139. Written Opinion of the International Searching Authority issued 10/27/05 in connection with PCT/US05/06960 **(Exhibit 89)**;

140. Written Opinion of the International Searching Authority issued 12/15/06 in connection with PCT/US05/13883 **(Exhibit 90)**;

141. Elango, N. et al. (1983) "Amino Acid Sequence of Human Respiratory Syncytial Virus Nucleocapsid Protein" Nucleic Acids Research, 11(17):5941-5951 **(Exhibit 91)**;

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148. PCT International Publication No. WO 04/018497, published March 4, 2004 **(Exhibit 98)**; and

149. PCT International Publication No. WO 04/018493, published March 4, 2004 **(Exhibit 99)**.

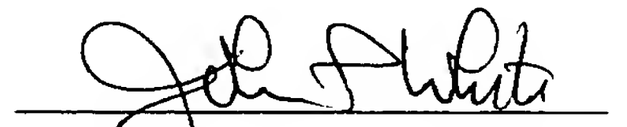
This Supplemental Information Disclosure Statement supplements the information disclosure statement filed by applicant on September 1, 2006 in connection with the above-identified application.

This Supplemental Information Disclosure Statement is being submitted under 37 C.F.R. §1.97(b). Applicant requests that the Examiner review the items listed and make them of record in the subject application.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorneys invite the Examiner to telephone them at the number provided below.

No fee is deemed necessary in connection with the filing of this Supplemental Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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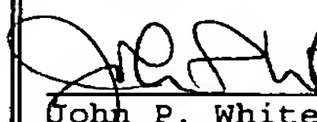

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John P. White Date
Reg. No. 28,678

MAY 10 2007
PATENT & TRADEMARK OFFICE

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Application Number	10/591,520
		Filing Date	March 3, 2005
		First Named Inventor	Jingyue Ju
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Art Unit	
		Examiner Name	
		Attorney Docket No.	72067-A-PCT-US/JPW/BJA/ML

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		4,824,775	04-25-1989	Dattagupta
		5,118,605	06-02-1992	Urdea
		5,174,962	12-29-1992	Brennan
		5,302,509	04-12-1994	Cheeseman
		5,599,675	02-04-1997	Brenner
		5,654,419	08-5-1997	Mathies
		5,728,528	03-17-1998	Mathies
		5,763,594	06-09-1998	Hiatt
		5,770,367	06-23-1998	Southern
		5,789,167	08-04-1998	Konrad
		5,804,386	09-08-1998	Ju
		5,808,045	09-15-1998	Hiatt
		5,814,454	10-29-1998	Ju
		5,843,203	11-10-1998	Katzir
		5,849,542	12-15-1998	Reeve et al.
		5,853,992	12-29-1998	Glazer
		5,869,255	02-09-1999	Mathies
		5,872,244	02-16-1999	Hiatt
		5,876,936	12-29-1999	Ju
		5,885,775	03-23-1999	Haff et al
		5,945,283	08-31-1999	Kwok
		5,952,180	09-14-1999	Ju
		6,028,190	02-22-2000	Mathies
		6,046,005	04-04-2000	Ju
		6,074,823	06-13-2000	Hubert
		6,136,543	10-24-2000	Anazawa et al.
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EXAMINER SIGNATURE	DATE CONSIDERED

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Applicant: Jingyue Ju
Serial No.: 10/591,520
Filed: March 3, 2005
Exhibit A

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Application Number	10/591,520
	Filing Date	March 3, 2005
	First Named Inventor	Jingyue Ju
	Art Unit	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Examiner Name	
	Attorney Docket No.	72067-A-PCT-US/JPW/BJA/ML

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		First Named Inventor	Jingyue Ju
		Art Unit	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Examiner Name	
		Attorney Docket No.	72067-A-PCT-US/JPW/BJA/ML

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Written Opinion of the International Searching Authority issued 10/27/05 in connection with PCT/US05/06960	
		Written Opinion of the International Searching Authority issued 12/15/06 in connection with PCT/US05/13883	
		Elango, N. et al. (1983) "Amino Acid Sequence of Human Respiratory Syncytial Virus Nucleocapsid Protein" Nucleic Acids Research, 11(17):5941-5951	
		Buck, G.A. et al. (1999) "Design Strategies and Performance of Custom DNA Sequencing Primers", BioTechniques, 27(3):528-536	
		Hafliger, D. et al. (1997) "Seminested RT-PCR Systems for Small Round Structured Viruses and Detection of Enteric Viruses in Seafood", International Journal of Food Microbiology, 37:27-36	
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		Haff, L. A. et al. (1997) Multiplex Genotyping of PCR Products with Mass Tag-Labeled Primers. *Nucleic Acids Res.* 25(18):3749-3750	

EXAMINER SIGNATURE	DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1]Applicant's unique citation designation number (optional). [2]Applicant is to place a checkmark here if English language Translation is attached.